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## Product Datasheet

### Necrostatin-1, CAS [[4311-88-0]]

### FBM-10-1162

Article Name	Necrostatin-1, CAS [[4311-88-0]]
Biozol Catalog Number	FBM-10-1162
Supplier Catalog Number	10-1162
Alternative Catalog Number	FBM-10-1162-10MG, FBM-10-1162-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Necroptosis inhibitor...
Molecular Weight	259.33
Purity	98% by TLC [5% methanol in methylene chloride, Rf = 0.37] NMR Conforms
Form	Pale yellow solid
CAS Number	[4311-88-0]
Formula	C13H13N3OS
Application Notes	Necrostatin-1 is an inhibitor of necroptosis (non-apoptotic cell death pathway, EC50 = 494 nM). <sup>1</sup> It is an ATP-competitive death domain receptor-associated adaptor kinase (RIP1) inhibitor (EC50 = 182 nM). <sup>2</sup> It displays a protective effect in a mouse model of ischemic brain injury <sup>1</sup> , inhibits myocardial cell death and reduces infarct size in various mouse heart models <sup>3</sup> and inhibits glutamate-induced oxytosis in HT-22 cells <sup>4</sup> .